

Structure attributes must be viewed using STN Express query preparation.

=> s l10 ful

FULL SEARCH INITIATED 12:01:22 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 8353 TO ITERATE

100.0% PROCESSED 8353 ITERATIONS
SEARCH TIME: 00.00.01

85 ANSWERS

L11 85 SEA SSS FUL L10

=> d his

(FILE 'HOME' ENTERED AT 11:57:49 ON 14 APR 2003)

FILE 'REGISTRY' ENTERED AT 11:57:56 ON 14 APR 2003

L1 STRUCTURE UPLOADED
L2 2 S L1 FUL
L3 2 S L2 AND CAPLUS/LC
L4 STRUCTURE UPLOADED
L5 85 S L4 FUL
L6 71 S L5 AND CAPLUS/LC
L7 14 S L5 NOT L6

FILE 'CAPLUS' ENTERED AT 11:59:54 ON 14 APR 2003

L8 184 S L6
L9 1 S L6 AND NECROSIS?

FILE 'REGISTRY' ENTERED AT 12:01:04 ON 14 APR 2003
L10 STRUCTURE UPLOADED
L11 85 S L10 FUL

=> s l11 not l5
L12 0 L11 NOT L5

	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	148.15	487.47

	SINCE FILE	TOTAL
	ENTRY	SESSION
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)		
CA SUBSCRIBER PRICE	0.00	-0.65

FILE 'CAPLUS' ENTERED AT 12:01:40 ON 14 APR 2003
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FILE COVERS 1907 - 14 Apr 2003 VOL 138 ISS 16
FILE LAST UPDATED: 13 Apr 2003 (20030413/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> d his

(FILE 'HOME' ENTERED AT 11:57:49 ON 14 APR 2003)

FILE 'REGISTRY' ENTERED AT 11:57:56 ON 14 APR 2003
L1 STRUCTURE UPLOADED
L2 2 S L1 FUL
L3 2 S L2 AND CAPLUS/LC
L4 STRUCTURE UPLOADED
L5 85 S L4 FUL
L6 71 S L5 AND CAPLUS/LC
L7 14 S L5 NOT L6

FILE 'CAPLUS' ENTERED AT 11:59:54 ON 14 APR 2003
L8 184 S L6

L9 1 S L6 AND NECROSIS?

FILE 'REGISTRY' ENTERED AT 12:01:04 ON 14 APR 2003
L10 STRUCTURE UPLOADED
L11 85 S L10 FUL
L12 0 S L11 NOT L5

FILE 'CAPLUS' ENTERED AT 12:01:40 ON 14 APR 2003

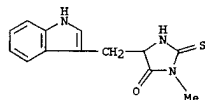
=> s l8 and (neurodegenerative? or stroke? or liver? or pancreatic? or
ischemic? or (head trauma) or necrotic? or septic? or coronary? or
gastrointestinal? or tuberculosis? or viral?)

8912 NEURODEGENERATIVE?
19376 STROKE?
487120 LIVER?
68076 PANCREATIC?
33458 ISCHEMIC?
90850 HEAD
11241 TRAUMA
683 HEAD TRAUMA
(HEAD (W) TRAUMA)
9654 NECROTIC?
13547 SEPTIC?
48192 CORONARY?
42032 GASTROINTESTINAL?
2 TUBERCLOSIS?
119051 VIRAL?
L13 2 L8 AND (NEURODEGENERATIVE? OR STROKE? OR LIVER? OR PANCREATIC?
OR ISCHEMIC? OR (HEAD TRAUMA) OR NECROTIC? OR SEPTIC? OR
CORONAR
Y? OR GASTROINTESTINAL? OR TUBERCLOSIS? OR VIRAL?)
=> d 1-2 ibib abs hitstr

L13 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2003 ACS
 ACCESSION NUMBER: 2001:300459 CAPLUS
 DOCUMENT NUMBER: 134:320879
 TITLE: Small molecule inhibitors of necrosis
 INVENTOR(S): Yuan, Junying; Degterev, Alexei; Mitchison, Timothy
 PATENT ASSIGNEE(S): President and Fellows of Harvard College, USA
 SOURCE: PCT Int. Appl., 68 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

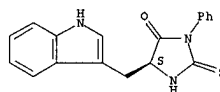
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001028493	A2	20010426	WO 2000-US28475	20001013
WO 2001028493	A3	20010607		

W: CA, JP
 RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, FT, SE
 PRIORITY APPLN. INFO.: US 1999-159668P P 19991015
 US 2000-174749P P 20000106
 OTHER SOURCE(S): MARPAT 134:320879
 AB The invention features methods for decreasing necrosis. The invention also features methods for treating a subject with a condition in which necrosis occurs. The invention further features chem. compds. used to decrease necrosis.
 IT 4311-88-0
 RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); THU (Therapeutic use); BIOL (Biological study); USES (Uses)
 (small mol. inhibitors of necrosis in relation to intracellular target)
 RN 4311-88-0 CAPLUS
 CN 4-Imidazolidinone, 5-(1H-indol-3-ylmethyl)-3-methyl-2-thioxo- (9CI)
 (CA INDEX NAME)



L13 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2003 ACS
 ACCESSION NUMBER: 1984:31688 CAPLUS
 DOCUMENT NUMBER: 100:31688
 TITLE: Separation of phenylthiohydantoin-amino acids by high-performance liquid chromatography
 AUTHOR(S): Pucci, Pietro; Sanna, Giovanni; Marino, Gennaro
 CORPORATE SOURCE: Ist. Chim. Org. Biol., Univ. Napoli, Naples, I-80134, Italy
 SOURCE: Journal of Chromatography (1983), 270, 371-7
 CODEN: JOCRAM; ISSN: 0021-9673
 DOCUMENT TYPE: Journal
 LANGUAGE: English
 AB Phenylthiohydantoin-amino acids were sepd. by HPLC on an Ultrasphere ODS (5 .mu.m, 4.6 .times. 250 mm) column; UV detection was at 254 nm. Gradient elution with NaOAc buffer (pH 4.85) and MeCN was at 1.5 mL/min at 35.degree.. The practical application of this method is shown by the sequence anal. of bovine pancreatic RNase. Peaks of phenylthiohydantoin-amino acids were well sepd. from background peaks, and a high signal/noise ratio was achieved in the chromatogram of 10% of the sample at the 20th cycle of a 15-nmol anal.
 IT 29635-97-0
 RL: ANT (Analyte); ANST (Analytical study) (chromatog. of, reversed-phase high-performance liq.)
 RN 29635-97-0 CAPLUS
 CN 4-Imidazolidinone, 5-(1H-indol-3-ylmethyl)-3-phenyl-2-thioxo-, (5S)-(9CI)
 (CA INDEX NAME)

Absolute stereochemistry.



=> d his

(FILE 'HOME' ENTERED AT 11:57:49 ON 14 APR 2003)

FILE 'REGISTRY' ENTERED AT 11:57:56 ON 14 APR 2003

L1 STRUCTURE UPLOADED
L2 2 S L1 FUL
L3 2 S L2 AND CAPLUS/LC
L4 STRUCTURE UPLOADED
L5 85 S L4 FUL
L6 71 S L5 AND CAPLUS/LC
L7 14 S L5 NOT L6

FILE 'CAPLUS' ENTERED AT 11:59:54 ON 14 APR 2003

L8 184 S L6
L9 1 S L6 AND NECROSIS?

FILE 'REGISTRY' ENTERED AT 12:01:04 ON 14 APR 2003

L10 STRUCTURE UPLOADED
L11 85 S L10 FUL
L12 0 S L11 NOT L5

FILE 'CAPLUS' ENTERED AT 12:01:40 ON 14 APR 2003

L13 2 S L8 AND (NEURODEGENERATIVE? OR STROKE? OR LIVER? OR
PANCREATIC

=> s l8 and (zVAD-fmk or TNF?)

 424 ZVAD
 1231 FMK
 340 ZVAD-FMK
 (ZVAD(W) FMK)
 42865 TNF?
L14 0 L8 AND (ZVAD-FMK OR TNF?)

=> s l8 and (zVAD(l) fmk or TNF?)

 424 ZVAD
 1231 FMK
 347 ZVAD(L) FMK
 42865 TNF?
L15 0 L8 AND (ZVAD(L) FMK OR TNF?)

=> s l8 and (TNF?)

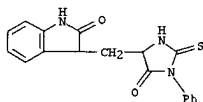
 42865 TNF?
L16 0 L8 AND (TNF?)

=> s l8 and (DMSO?)

 38601 DMSO?
L17 2 L8 AND (DMSO?)

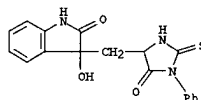
=> d 1-2 ibib abs hitstr

L17 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2003 ACS
 ACCESSION NUMBER: 1979:606563 CAPLUS
 DOCUMENT NUMBER: 91:206563
 TITLE: The identification of tryptophan residues in
 proteins
 sequence as oxidized derivatives during amino acid
 determinations
 AUTHOR(S): Inglis, Adam S.; Rivett, Donald E.; McMahon,
 David T.
 W.
 CORPORATE SOURCE: Div. Protein Chem., CSIRO, Parkville, 3052,
 Australia
 SOURCE: FEBS Letters (1979), 104(1), 115-18
 CODEN: FEBLAL; ISSN: 0014-5793
 DOCUMENT TYPE: Journal
 LANGUAGE: English
 AB Four common tryptophan oxidn. products kynurenine,
 oxindolyl-3-alanine
 (1), dioxindolyl-3-alanine and 3.alpha.-hydroxy-1,2,3,3a,8,8a-
 hexahydropyrrolo (2,3,6)-indole-2-carboxylic acid were prepd. and
 converted to the resp. phenylthiohydantoin (PTH). These PTH
 derivs. gave
 strong purple colors when sprayed and heated at 100.degree. with
 ninhydrin-collidine followed by copper nitrate and were sepd. from
 PTH of
 the common amino acids by thin-layer chromatog. The tryptophan in
 peptide
 Ala-Gly-Trp-Leu was converted to I by treatment with DMSO and
 12M HCl at room temp. for 14 min, as was the tryptophan in
 apomyoglobin.
 IT 71924-15-7 71924-17-9
 RL: ANST (Analytical study)
 (in amino acid sequence detn., tryptophan oxidn. in relation to)
 RN 71924-15-7 CAPLUS
 CN 2H-Indol-2-one, 1,3-dihydro-3-[(5-oxo-1-phenyl-2-thioxo-4-
 imidazolidinyl)methyl]- (9CI) (CA INDEX NAME)

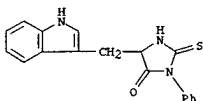


RN 71924-17-9 CAPLUS
 CN 2H-Indol-2-one, 1,3-dihydro-3-hydroxy-3-[(5-oxo-1-phenyl-2-thioxo-4-
 imidazolidinyl)methyl]- (9CI) (CA INDEX NAME)

L17 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2003 ACS (Continued)



L17 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2003 ACS
 ACCESSION NUMBER: 1973:70867 CAPLUS
 DOCUMENT NUMBER: 78:70867
 TITLE: Temperature and solvent effects on the NMR
 spectra of
 phenylthiohydantoin
 AUTHOR(S): Bouguerra, Mohamed Larbi; Baklouti, Ahmed
 CORPORATE SOURCE: Dep. Chim., Fac. Sci. Math., Phys. Nat., Tunis,
 Tunisia
 SOURCE: Comptes Rendus des Seances de l'Academie des
 Sciences,
 Serie C: Sciences Chimiques (1972), 275(7),
 419-22
 CODEN: CHDCAQ; ISSN: 0567-6541
 DOCUMENT TYPE: Journal
 LANGUAGE: French
 GI For diagram(s), see printed CA Issue.
 AB N-H signals of amino acid phenylthiohydantoin I [R = CH₂CHMe₂,
 CHMeEt,
 CH₂Ph, CH₂OH, CH(OH)Me, CH₂CH₂Me, 3-indolylmethyl] were displaced
 upfield
 and broadened by a solvent change from DMSO-d₆ to acetone-d₆.
 Temp. increases of 80.degree. induced upfield shifts averaging 30 Hz.
 IT 5789-24-2
 RL: PAP (Properties)
 (nmr of, solvent and temp. shifts in)
 RN 5789-24-2 CAPLUS
 CN 4-Imidazolidinone, 5-(1H-indol-3-ylmethyl)-3-phenyl-2-thioxo- (9CI)
 (CA INDEX NAME)



=> s l8 and TNF
41966 TNF
L18 0 L8 AND TNF

=> s TNF?
L19 42865 TNF?

=> d 101 ibib abs

L19 ANSWER 101 OF 42865 CAPIUS COPYRIGHT 2003 ACS

ACCESSION NUMBER: 2003:262498 CAPIUS

TITLE: Gabexate mesilate, a synthetic protease

inhibitor, inhibits lipopolysaccharide-induced tumor

necrosis factor-.alpha. production by inhibiting

activation of both nuclear factor-.kappa.B and activator

protein-1 in human monocytes

AUTHOR(S): Yuksei, Mehtap; Okajima, Kenji; Uchiba,

Mitsuhiro;

CORPORATE SOURCE: Okabe, Hiroaki

University Department of Laboratory Medicine, Kumamoto

SCHOOL OF MEDICINE, KUMAMOTO, JAPAN

SOURCE: Journal of Pharmacology and Experimental

Therapeutics

(2003), 305(1), 298-305

PUBLISHER: CODEN: JPETAB; ISSN: 0022-3565

Experimental American Society for Pharmacology and

Therapeutics

DOCUMENT TYPE: Journal

LANGUAGE: English

AB Gabexate mesilate, a synthetic protease inhibitor, was shown to be effective in treating patients with sepsis-assoc. disseminated

intravascular coagulation in which tumor necrosis factor-.alpha. (TNF-.alpha.) plays a crit. role. We demonstrated that gabexate

mesilate reduced lipopolysaccharide (LPS)-induced tissue injury by inhibiting TNF-.alpha. prodn. in rats. In the present study, we

analyzed the mechanism(s) by which gabexate mesilate inhibits

LPS-induced

TNF-.alpha. prodn. in human monocytes in vitro. Gabexate mesilate

inhibited the prodn. of TNF-.alpha. in monocytes stimulated with LPS. Gabexate mesilate inhibited both the binding of nuclear

factor-.kappa.B (NF-.kappa.B) to target sites and the degran. of inhibitory .kappa.B.alpha.. Gabexate mesilate also inhibited both

the binding of activator protein-1 (AP-1) to target sites and the

activation of mitogen-activated protein kinase pathways. These observations

strongly suggest that gabexate mesilate inhibited LPS-induced TNF-.alpha.

prodn. in human monocytes by inhibiting activation of both

NF-.kappa.B and AP-1. Inhibition of TNF-.alpha. prodn. by gabexate mesilate

might explain at least partly its therapeutic effects in animals

given LPS

and those in patients with sepsis.

=>

---Logging off of STN---

=>

Executing the logoff script...

=> LOG Y

COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	63.50	550.97
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE	TOTAL
	ENTRY	SESSION
CA SUBSCRIBER PRICE	-3.26	-3.91

STN INTERNATIONAL LOGOFF AT 12:06:38 ON 14 APR 2003

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STRUCTURE FILE UPDATES: 19 FEB 2002 HIGHEST RN 393780-00-2
DICTIONARY FILE UPDATES: 19 FEB 2002 HIGHEST RN 393780-00-2

TSCA INFORMATION NOW CURRENT THROUGH July 7, 2001

Please note that search-term pricing does apply when
conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Calculated physical property data is now available. See HELP PROPERTIES
for more information. See STNnote 27, Searching Properties in the CAS
Registry File, for complete details:
<http://www.cas.org/ONLINE/STN/STNOTES/stnotes27.pdf>

The P indicator for Preparations was not generated for all of the
CAS Registry Numbers that were added to the H/Z/CA/CAPLUS files between
12/27/01 and 1/23/02. Use of the P indicator in online and SDI searches
during this period, either directly appended to a CAS Registry Number
or by qualifying an L-number with /P, may have yielded incomplete results.
As of 1/23/02, the situation has been resolved. Also, note that searches
conducted using the PREP role indicator were not affected.

Customers running searches and/or SDIs in the H/Z/CA/CAPLUS files
incorporating CAS Registry Numbers with the P indicator between 12/27/01
and 1/23/02, are encouraged to re-run these strategies. Contact the
CAS Help Desk at 1-800-848-6533 in North America or 1-614-447-3698,
worldwide, or send an e-mail to help@cas.org for further assistance or to
receive a credit for any duplicate searches.

=> s l11 ful
FULL SEARCH INITIATED 11:53:49 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 598 TO ITERATE

100.0% PROCESSED 598 ITERATIONS 20 ANSWERS
SEARCH TIME: 00.00.01

L14 20 SEA SSS FUL L11

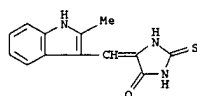
=> s l14 and caplus/lc
20517828 CAPLUS/LC
L15 15 L14 AND CAPLUS/LC

=> s l15 not l14
L16 0 L15 NOT L14

=> s l14 not l15
L17 5 L14 NOT L15

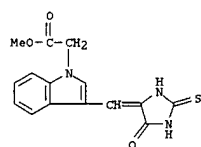
=> d 1-5

L17 ANSWER 1 OF 5 REGISTRY COPYRIGHT 2002 ACS
 RN 374703-78-3 REGISTRY
 CN 4-Imidazolidinone, 5-[(2-methyl-1H-indol-3-yl)methylene]-2-thioxo-
 (9CI) (CA INDEX NAME)
 FS 3D CONCORD
 MF C13 H11 N3 O S
 SR Chemical Library
 LC STN Files: CHEMCATS



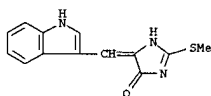
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L17 ANSWER 2 OF 5 REGISTRY COPYRIGHT 2002 ACS
 RN 355825-17-1 REGISTRY
 CN 1H-Indole-1-acetic acid, 3-[(5-oxo-2-thioxo-4-imidazolidinylidene)methyl]-, methyl ester (9CI) (CA INDEX NAME)
 FS 3D CONCORD
 MF C15 H13 N3 O3 S
 SR Chemical Library
 LC STN Files: CHEMCATS



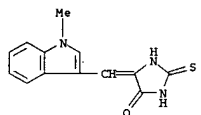
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L17 ANSWER 3 OF 5 REGISTRY COPYRIGHT 2002 ACS
 RN 353484-64-7 REGISTRY
 CN 4H-imidazol-4-one, 1,5-dihydro-5-(1H-indol-3-ylmethylene)-2-(methylthio)-
 (9CI) (CA INDEX NAME)
 FS 3D CONCORD
 MF C13 H11 N3 O S
 SR Chemical Library
 LC STN Files: CHEMCATS



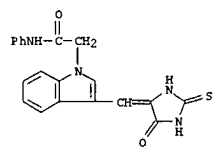
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L17 ANSWER 4 OF 5 REGISTRY COPYRIGHT 2002 ACS
 RN 340177-38-0 REGISTRY
 CN 4-Imidazolidinone, 5-[(1-methyl-1H-indol-3-yl)methylene]-2-thioxo-
 (9CI) (CA INDEX NAME)
 FS 3D CONCORD
 MF C13 H11 N3 O S
 SR Chemical Library
 LC STN Files: CHEMCATS



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L17 ANSWER 5 OF 5 REGISTRY COPYRIGHT 2002 ACS
RN 332849-28-2 REGISTRY
CN 1H-Indole-1-acetamide,
3-[(5-oxo-2-thioxo-4-imidazolidinylidene)methyl]-N-
phenyl- (SCI) (CA INDEX NAME)
PS 3D CONCORD
MF C20 H16 N4 O2 S
SR Chemical Library
LC STN Files: CHEMCATS



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

NEWS LOGIN Welcome Banner and News Items
NEWS PHONE Direct Dial and Telecommunication Network Access to STN
NEWS WWW CAS World Wide Web Site (general information)

Enter NEWS followed by the item number or name to see news on that specific topic.

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* * * * * STN Columbus * * * * *

FILE 'HOME' ENTERED AT 11:57:49 ON 14 APR 2003

=> fil reg

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.21	0.21

FILE 'REGISTRY' ENTERED AT 11:57:56 ON 14 APR 2003

USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.

PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

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Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 13 APR 2003 HIGHEST RN 502841-39-6

DICTIONARY FILE UPDATES: 13 APR 2003 HIGHEST RN 502841-39-6

TSCA INFORMATION NOW CURRENT THROUGH MAY 20, 2002

Please note that search-term pricing does apply when conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. See HELP PROPERTIES for more information. See STN Note 27, Searching Properties in the CAS Registry File, for complete details:
<http://www.cas.org/ONLINE/STN/STNOTES/stnotes27.pdf>

=>

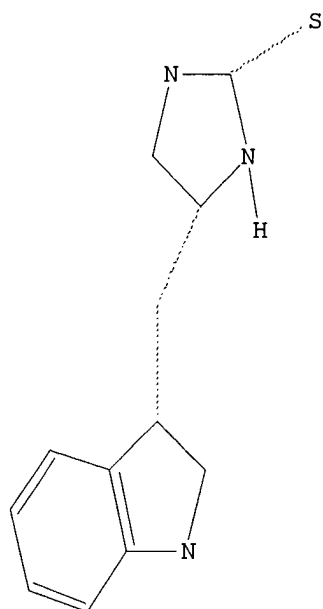
Uploading 09688015.str

L1 STRUCTURE UPLOADED

=> d

L1 HAS NO ANSWERS

L1 STR



Structure attributes must be viewed using STN Express query preparation.

=> s 11 ful

FULL SEARCH INITIATED 11:58:18 FILE 'REGISTRY'

FULL SCREEN SEARCH COMPLETED - 1602 TO ITERATE

100.0% PROCESSED 1602 ITERATIONS

2 ANSWERS

SEARCH TIME: 00.00.01

L2 2 SEA SSS FUL L1

=> s 12 and caplus/lc

27419509 CAPLUS/LC

L3 2 L2 AND CAPLUS/LC

=> d 1-2

O=C1NC(=O)C2(O)C1Cc3ccccc3C2C4C(=O)NC(=S)N4c5ccccc5

1 REFERENCES IN FILE CA (1962 TO DATE)
1 REFERENCES IN FILE CAPLUS (1962 TO DATE)

O=C1NC(=O)Cc2ccccc2C1=O

1 REFERENCES IN FILE CA (1962 TO DATE)
1 REFERENCES IN FILE CAPLUS (1962 TO DATE)

=>

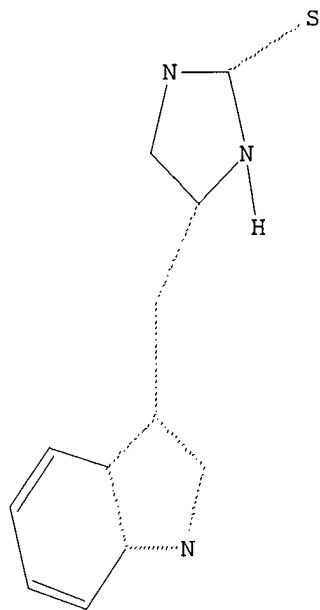
Uploading 09688015.str

L4 STRUCTURE UPLOADED

=> d

L4 HAS NO ANSWERS

L4 STR



Structure attributes must be viewed using STN Express query preparation.

=> s 14 ful

FULL SEARCH INITIATED 11:59:29 FILE 'REGISTRY'

FULL SCREEN SEARCH COMPLETED - 1602 TO ITERATE

100.0% PROCESSED 1602 ITERATIONS

85 ANSWERS

SEARCH TIME: 00.00.01

L5 85 SEA SSS FUL L4

=> s 15 and caplus/lc

27419509 CAPLUS/LC

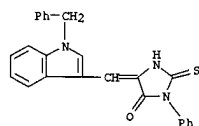
L6 71 L5 AND CAPLUS/LC

=> s 15 not 16

L7 14 L5 NOT L6

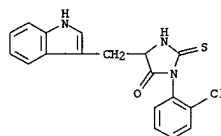
=> d 1-14

L7 ANSWER 1 OF 14 REGISTRY COPYRIGHT 2003 ACS
 RN 497835-50-4 REGISTRY
 CN 4-Imidazolidinone,
 3-phenyl-5-[[1-(phenylmethyl)-1H-indol-3-yl]methylene]-
 2-thioxo- (9CI) (CA INDEX NAME)
 FS 3D CONCORD
 MF C25 H19 N3 O S
 SR Chemical Library



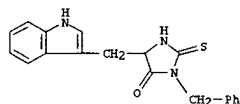
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L7 ANSWER 2 OF 14 REGISTRY COPYRIGHT 2003 ACS
 RN 494747-65-8 REGISTRY
 CN 4-Imidazolidinone,
 3-(2-chlorophenyl)-5-(1H-indol-3-ylmethyl)-2-thioxo-
 (9CI) (CA INDEX NAME)
 FS 3D CONCORD
 MF C18 H14 Cl N3 O S
 SR Chemical Library
 LC STN Files: CHEMCATS



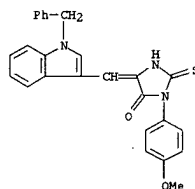
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L7 ANSWER 3 OF 14 REGISTRY COPYRIGHT 2003 ACS
 RN 471917-51-8 REGISTRY
 CN 4-Imidazolidinone, 5-(1H-indol-3-ylmethyl)-3-(phenylmethyl)-2-thioxo-
 (9CI) (CA INDEX NAME)
 FS 3D CONCORD
 MF C19 H17 N3 O S
 SR Chemical Library
 LC STN Files: CHEMCATS



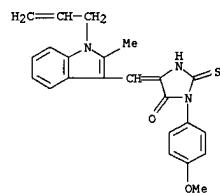
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L7 ANSWER 4 OF 14 REGISTRY COPYRIGHT 2003 ACS
 RN 431916-65-3 REGISTRY
 CN 4-Imidazolidinone,
 3-(4-methoxyphenyl)-5-[[1-(phenylmethyl)-1H-indol-3-
 yl]methylene]-2-thioxo- (9CI) (CA INDEX NAME)
 FS 3D CONCORD
 MF C26 H21 N3 O2 S
 SR Chemical Library



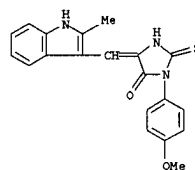
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L7 ANSWER 5 OF 14 REGISTRY COPYRIGHT 2003 ACS
 RN 431915-14-9 REGISTRY
 CN 4-Imidazolidinone,
 3-(4-methoxyphenyl)-5-[[2-methyl-1-(2-propenyl)-1H-
 indol-3-yl]methylene]-2-thioxo- (9CI) (CA INDEX NAME)
 FS 3D CONCORD
 MF C23 H21 N3 O2 S
 SR Chemical Library



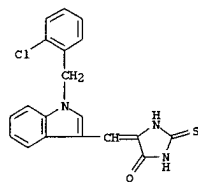
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L7 ANSWER 6 OF 14 REGISTRY COPYRIGHT 2003 ACS
 RN 431066-77-2 REGISTRY
 CN 4-Imidazolidinone, 3-(4-methoxyphenyl)-5-[(2-methyl-1H-indol-3-
 yl)methylene]-2-thioxo- (9CI) (CA INDEX NAME)
 FS 3D CONCORD
 MF C20 H17 N3 O2 S
 SR Chemical Library



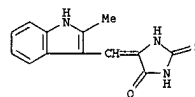
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L7 ANSWER 7 OF 14 REGISTRY COPYRIGHT 2003 ACS
 RN 401596-67-6 REGISTRY
 CN 4-Imidazolidinone,
 5-[[1-[(2-chlorophenyl)methyl]-1H-indol-3-yl]methylene]-
 2-thioxo- (9CI) (CA INDEX NAME)
 FS 3D CONCORD
 MF C19 H14 Cl N3 O S
 SR Chemical Library
 LC STN Files: CHEMCATS



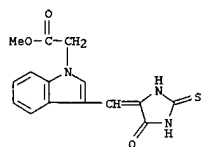
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L7 ANSWER 8 OF 14 REGISTRY COPYRIGHT 2003 ACS
 RN 374703-78-3 REGISTRY
 CN 4-Imidazolidinone, 5-[(2-methyl-1H-indol-3-yl)methylene]-2-thioxo-
 (9CI) (CA INDEX NAME)
 FS 3D CONCORD
 MF C13 H11 N3 O S
 SR Chemical Library
 LC STN Files: CHEMCATS



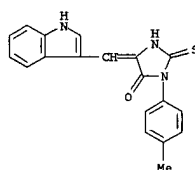
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L7 ANSWER 9 OF 14 REGISTRY COPYRIGHT 2003 ACS
 RN 355825-17-1 REGISTRY
 CN 1H-Indole-1-acetic acid,
 3-[(5-oxo-2-thioxo-4-imidazolidinylidene)methyl]-
 , methyl ester (9CI) (CA INDEX NAME)
 FS 3D CONCORD
 MF C15 H13 N3 O3 S
 SR Chemical Library
 LC STN Files: CHEMCATS



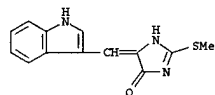
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L7 ANSWER 10 OF 14 REGISTRY COPYRIGHT 2003 ACS
 RN 354119-84-9 REGISTRY
 CN 4-Imidazolidinone,
 5-(1H-indol-3-ylmethylene)-3-(4-methylphenyl)-2-thioxo-
 (9CI) (CA INDEX NAME)
 FS 3D CONCORD
 MF C19 H15 N3 O S
 SR Chemical Library
 LC STN Files: CHEMCATS



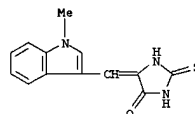
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L7 ANSWER 11 OF 14 REGISTRY COPYRIGHT 2003 ACS
 RN 353484-64-7 REGISTRY
 CN 4H-Imidazol-4-one,
 1,5-dihydro-5-(1H-indol-3-ylmethylene)-2-(methylthio)-
 (9CI) (CA INDEX NAME)
 FS 3D CONCORD
 MF C13 H11 N3 O S
 SR Chemical Library
 LC STN Files: CHEMCATS



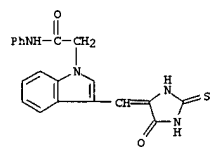
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L7 ANSWER 12 OF 14 REGISTRY COPYRIGHT 2003 ACS
 RN 340177-38-0 REGISTRY
 CN 4-Imidazolidinone, 5-[(1-methyl-1H-indol-3-yl)methylene]-2-thioxo-
 (9CI) (CA INDEX NAME)
 FS 3D CONCORD
 MF C13 H11 N3 O S
 SR Chemical Library
 LC STN Files: CHEMCATS



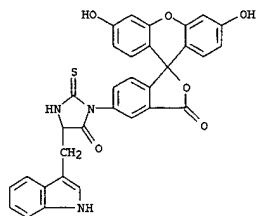
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L7 ANSWER 13 OF 14 REGISTRY COPYRIGHT 2003 ACS
 RN 332849-28-2 REGISTRY
 CN 1H-Indole-1-acetamide,
 3-[(5-oxo-2-thioxo-4-imidazolidinylidene)methyl]-N-
 phenyl- (9CI) (CA INDEX NAME)
 FS 3D CONCORD
 MF C20 H16 N4 O2 S
 SR Chemical Library
 LC STN Files: CHEMCATS



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L7 ANSWER 14 OF 14 REGISTRY COPYRIGHT 2003 ACS
 RN 47830-01-3 REGISTRY
 CN 4-Imidazolidinone,
 3-(3',6'-dihydroxy-3-oxospiro[isobenzofuran-1(3H),9'-
 [9H]xanthen]-5-yl)-5-(1H-indol-3-ylmethyl)-2-thioxo- (9CI) (CA INDEX
 NAME)
 OTHER CA INDEX NAMES:
 CN Spiro[isobenzofuran-1(3H),9'-[9H]xanthene], 4-imidazolidinone deriv.
 FS 3D CONCORD
 MF C32 H21 N3 O6 S
 CI COM



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

=> fil caplus		
COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	332.02	332.23

FILE 'CAPLUS' ENTERED AT 11:59:54 ON 14 APR 2003
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FILE COVERS 1907 - 14 Apr 2003 VOL 138 ISS 16
 FILE LAST UPDATED: 13 Apr 2003 (20030413/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> d his

(FILE 'HOME' ENTERED AT 11:57:49 ON 14 APR 2003)

FILE 'REGISTRY' ENTERED AT 11:57:56 ON 14 APR 2003

L1	STRUCTURE UPLOADED
L2	2 S L1 FUL
L3	2 S L2 AND CAPLUS/LC
L4	STRUCTURE UPLOADED
L5	85 S L4 FUL
L6	71 S L5 AND CAPLUS/LC
L7	14 S L5 NOT L6

FILE 'CAPLUS' ENTERED AT 11:59:54 ON 14 APR 2003

=> s l6

L8	184 L6
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=> s l6 and necrosis?

184 L6

81307 NECROSIS?

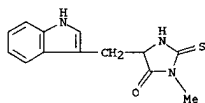
L9	1 L6 AND NECROSIS?
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=> d l9 ibib abs hitstr

L9 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2003 ACS
 ACCESSION NUMBER: 2001:300459 CAPLUS
 DOCUMENT NUMBER: 134:320879
 TITLE: Small molecule inhibitors of **necrosis**
 INVENTOR(S): Yuan, Junying; Degterev, Alexei; Mitchison,
 Timothy
 PATENT ASSIGNEE(S): President and Fellows of Harvard College, USA
 SOURCE: PCT Int. Appl., 68 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001028493	A2	20010426	WO 2000-US28475	20001013
WO 2001028493	A3	20010607		

W: CA, JP
 RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC,
 NL,
 PT, SE
 PRIORITY APPLN. INFO.: US 1999-159668P P 19991015
 US 2000-174749P P 20000106
 OTHER SOURCE(S): MARPAT 134:320879
 AB The invention features methods for decreasing **necrosis**. The
 invention also features methods for treating a subject with a
 condition in
 which **necrosis** occurs. The invention further features chem.
 compds. used to decrease **necrosis**.
 IT 4311-88-0
 RI: BAC (Biological activity or effector, except adverse); BSU
 (Biological
 study, unclassified); THU (Therapeutic use); BIOL (Biological
 study); USES
 (Uses)
 (small mol. inhibitors of **necrosis** in relation to
 intracellular target)
 RN 4311-88-0 CAPLUS
 CN 4-Imidazolidinone, 5-(1H-indol-3-ylmethyl)-3-methyl-2-thioxo- (9CI)
 (CA
 INDEX NAME)



=> fil reg

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

7.09

339.32

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

SINCE FILE

TOTAL

ENTRY

SESSION

CA SUBSCRIBER PRICE

-0.65

-0.65

FILE 'REGISTRY' ENTERED AT 12:01:04 ON 14 APR 2003

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Property values tagged with IC are from the ZIC/VINITI data file
provided by InfoChem.

STRUCTURE FILE UPDATES: 13 APR 2003 HIGHEST RN 502841-39-6

DICTIONARY FILE UPDATES: 13 APR 2003 HIGHEST RN 502841-39-6

TSCA INFORMATION NOW CURRENT THROUGH MAY 20, 2002

Please note that search-term pricing does apply when
conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. See HELP
PROPERTIES for more information. See STNote 27, Searching Properties
in the CAS Registry File, for complete details:
<http://www.cas.org/ONLINE/STN/STNOTES/stnotes27.pdf>

=>

Uploading 09688015.str

L10 STRUCTURE UPLOADED

=> d

L10 HAS NO ANSWERS

L10 STR

Connecting via Winsock to STN

Welcome to STN International! Enter x:X

LOGINID:sssptal626amd

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

* * * * * Welcome to STN International * * * * *

NEWS	1		Web Page URLs for STN Seminar Schedule - N. America
NEWS	2	Apr 08	"Ask CAS" for self-help around the clock
NEWS	3	Jun 03	New e-mail delivery for search results now available
NEWS	4	Aug 08	PHARMAMarketLetter(PHARMAML) - new on STN
NEWS	5	Aug 19	Aquatic Toxicity Information Retrieval (AQUIRE) now available on STN
NEWS	6	Aug 26	Sequence searching in REGISTRY enhanced
NEWS	7	Sep 03	JAPIO has been reloaded and enhanced
NEWS	8	Sep 16	Experimental properties added to the REGISTRY file
NEWS	9	Sep 16	CA Section Thesaurus available in CAPLUS and CA
NEWS	10	Oct 01	CASREACT Enriched with Reactions from 1907 to 1985
NEWS	11	Oct 24	BEILSTEIN adds new search fields
NEWS	12	Oct 24	Nutraceuticals International (NUTRACEUT) now available on STN
NEWS	13	Nov 18	DKILIT has been renamed APOLLIT
NEWS	14	Nov 25	More calculated properties added to REGISTRY
NEWS	15	Dec 04	CSA files on STN
NEWS	16	Dec 17	PCTFULL now covers WP/PCT Applications from 1978 to date
NEWS	17	Dec 17	TOXCENTER enhanced with additional content
NEWS	18	Dec 17	Adis Clinical Trials Insight now available on STN
NEWS	19	Jan 29	Simultaneous left and right truncation added to COMPENDEX, ENERGY, INSPEC
NEWS	20	Feb 13	CANCERLIT is no longer being updated
NEWS	21	Feb 24	METADEx enhancements
NEWS	22	Feb 24	PCTGEN now available on STN
NEWS	23	Feb 24	TEMA now available on STN
NEWS	24	Feb 26	NTIS now allows simultaneous left and right truncation
NEWS	25	Feb 26	PCTFULL now contains images
NEWS	26	Mar 04	SDI PACKAGE for monthly delivery of multifile SDI results
NEWS	27	Mar 19	APOLLIT offering free connect time in April 2003
NEWS	28	Mar 20	EVENTLINE will be removed from STN
NEWS	29	Mar 24	PATDPAFULL now available on STN
NEWS	30	Mar 24	Additional information for trade-named substances without structures available in REGISTRY
NEWS	31	Mar 24	Indexing from 1957 to 1966 added to records in CA/CAPLUS
NEWS	32	Apr 11	Display formats in DGENE enhanced
NEWS	33	Apr 14	MEDLINE Reload
NEWS	EXPRESS		April 4 CURRENT WINDOWS VERSION IS V6.01a, CURRENT MACINTOSH VERSION IS V6.0b(ENG) AND V6.0Jb(JP), AND CURRENT DISCOVER FILE IS DATED 01 APRIL 2003
NEWS	HOURS		STN Operating Hours Plus Help Desk Availability
NEWS	INTER		General Internet Information